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1882/83

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

TRINITY COLLEGE.

1882-83.

PRO ECCLESIA ET PATRIA.

HARTFORD, CONN.:
PRINTED FOR THE COLLEGE.
1882.

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Press of The Case, Lockwood & Brainard Company, Hartford, Conn.

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COLLEGE CALENDAR.

1882.

Sept. 14. *Thursday.* Christmas Term begins.
Nov. 1. *Wednesday.* All Saints' Day.
" 24. *Friday.* English Literature Prize Examination.
" 25. *Saturday.* " " " "
" 30. *Thursday.* Thanksgiving Day.
Dec. 9. *Saturday.* Algebra Prize Examination.
" 16. *Saturday.* Christmas Examinations.
" 18. *Monday.* " "
" 19. *Tuesday.* " "
" 20. *Wednesday.* " "
" 21. *Thursday.* " " Appointment of Toucey Scholar.
Christmas Vacation begins.

1883.

Jan. 11. *Thursday.* Trinity Term begins.
Feb. 7. *Wednesday.* Ash-Wednesday.
" 22. *Thursday.* Holiday. Prize Version Appointments published.
Oratorical Prize Contest.
March 6. *Tuesday.* Junior Standing published.
" 23. *Friday.* Good Friday.
April 20. *Friday.* Easter Recess begins.
" 30. *Monday.* Easter Recess ends. Tuttle Prize Essays handed in.
May 1. *Tuesday.* Latin Prize Examination.
" 2. *Wednesday.* Chemical Prize Essays handed in.
" 3. *Thursday.* Ascension-Day.
" 5. *Saturday.* Geometry Prize Examination.
" 20. *Sunday.* Trinity-Sunday.
" 24. *Thursday.* Prize Version Declamations.
June 6. *Wednesday.* Senior Examinations.
" 7. *Thursday.* " "
" 8. *Friday.* " "
" 9. *Saturday.* " "
" 11. *Monday.* " "
" 12. *Tuesday.* " " Trinity Examinations.
" 13. *Wednesday.* " " " "

June 14. *Thursday.* Trinity Examinations.
" 15. *Friday.* " " Senior Standing published.
" 16. *Saturday.* " "
" 18. *Monday.* " "
" 19. *Tuesday.* " "
" 20. *Wednesday.* " "
" 21. *Thursday.* " " Award of Prizes.
" 24. *Sunday.* Baccalaureate Sermon.
" 25. *Monday.* Examinations for Admission.
" 26. *Tuesday.* " " " Class-Day.
" 27. *Wednesday.* Annual Meeting of the Corporation and of the House of Convocation.
" 28. *Thursday.* Commencement-Day. Trinity Vacation begins.

Sept. 11. *Tuesday.* Examinations for Admission.
" 12. *Wednesday.* " " "
" 13. *Thursday.* Christmas Term begins.

SENATUS ACADEMICUS.

VISITORS.

The Rt. Rev. The Chancellor.

The Rt. Rev. Horatio Potter, D.D., LL.D., D.C.L.

The Rt. Rev. Thomas March Clark, D.D., LL.D.

The Rt. Rev. Henry Adams Neely, D.D.

The Rt. Rev. William H. A. Bissell, D.D.

The Rt. Rev. William Woodruff Niles, D.D.

The Rt. Rev. Benjamin Henry Paddock, D.D.

CORPORATION.

CHANCELLOR:

The Rt. Rev. JOHN WILLIAMS, D.D., LL.D.,

ex officio PRESIDENT.

The Rev. The PRESIDENT OF THE COLLEGE.

The Rev. E. EDWARDS BEARDSLEY, D.D., LL.D.

The Hon. HENRY J. SCUDDER, LL.D.

The Rev. GEORGE H. CLARK, D.D.

GEORGE M. BARTHOLOMEW, Esq.

WILLIAM C. PETERS, M.A.

RICHARD W. H. JARVIS, M.A.

CHARLES J. HOADLY, M.A.

The Hon. JAMES E. ENGLISH, M.A.

GEORGE BEACH, Esq.

The Rt. Rev. BENJAMIN H. PADDOCK, D.D.

The Rev. GEORGE S. MALLORY, D.D.

The Hon. DWIGHT W. PARDEE, LL.D.

CHARLES E. GRAVES, M.A., *Treasurer.*

The Rt. Rev. WILLIAM W. NILES, D.D.

The Rev. SANFORD J. HORTON, D.D.

The Rev. WILLIAM TATLOCK, D.D.

WILLIAM HAMERSLEY, M.A.

The Rev. HENRY A. COIT, D.D.

JAMES IVERS LEWIS, M.A.

FACULTY.

The Rev. THOMAS R. PYNCHON, D.D., LL.D., PRESIDENT;

and Hobart Professor of Moral Philosophy.

90 Vernon Street.

The Rev. EDWIN E. JOHNSON, M.A.,

Brownell Professor of Rhetoric and of the English Language and Literature.

122 Sigourney Street.

The Rev. SAMUEL HART, M.A.,

Seabury Professor of Mathematics and Astronomy.

22 Jarvis Hall.

GEORGE O. HOLBROOKE, M.A.,

Professor of the Latin Language and Literature.

15 Seabury Hall.

LEONARD WOODS RICHARDSON, M.A.,

Professor of the Modern Languages; and Secretary.

21 Jarvis Hall.

H. CARRINGTON BOLTON, PH.D.,

Scovill Professor of Chemistry and Natural Science.

107 Elm Street.

The Rev. ISBON T. BECKWITH, PH.D.,

Professor of the Greek Language and Literature.

14 Seabury Hall.

Professor of Physics.

Northam Professor of History and Political Science.

The Rt. Rev. JOHN WILLIAMS, D.D., LL.D.,

Lecturer on History.

Middletown.

The Rev. SAMUEL J. ANDREWS, D.D.,

Instructor in Intellectual Philosophy.

956 Asylum Avenue.

WILLIAM A. M. WAINWRIGHT, M.A., M.D.,

Lecturer on Anatomy and Physiology.

453 Main Street.

WILLIAM HAMERSLEY, M.A.,

Lecturer on Law.

297 Main Street.

CHARLES D. SCUDDER, M.A., M.D.,

Lecturer on Hygiene.

New York City.

JOHN BROCKLESBY, LL.D.,

Professor Emeritus of Natural Philosophy and Astronomy.

City Hotel.

The Rev. JOHN HUMPHREY BARBOUR, M.A.,

Librarian.

490 Farmington Avenue.

The stated meetings of the Faculty are held every Tuesday morning at eleven o'clock.

The office of the PRESIDENT is at . . . No. 13 Seabury Hall;
The office of the SECRETARY OF THE FACULTY, No. 21 Jarvis Hall;
The office of the TREASURER OF THE COLLEGE, No. 39 Pearl Street.

BOARD OF FELLOWS.

FELLOWS.

The Rev. James L. Scott, M.A.
The Rev. Geo. Morgan Hills, D.D.
The Rev. Albin B. Jennings, M.A.
William J. Boardman, LL.B.
The Rev. William F. Nichols, M.A.
Franklin H. Fowler, M.A.

JUNIOR FELLOWS.

Luke A. Lockwood, M.A.
The Rev. Lucius Waterman, M.A.
E. Winslow Williams, M.A.
Percy S. Bryant, M.A.
The Rev. John T. Huntington, M.A.
The Rev. John J. McCook, M.A.

OFFICERS OF CONVOCATION.

DEAN.

The Rev. Thomas Gallaudet, D.D.

SUB-DEAN.

E. Winslow Williams, M.A.

REGISTRAR.

William E. Curtis, M.A.

BURSAR.

Sydney G. Fisher, B.A.

STANDING COMMITTEE.

John Brocklesby, LL.D.
The Rev. John J. McCook, M.A.
The Rev. Samuel Hart, M.A.

UNDERGRADUATES.

SENIORS.

NAME.	RESIDENCE.	ROOM.
Edward Stevens Beach,	*Worcester, Mass.*	13 Capitol Ave.
J. Eldred Brown,	*Newport, R. I.*	31 J. H.
Richard Eugene Burton,	*Hartford.*	2 Sumner St.
John Ridgely Carter,	*Baltimore, Md.*	20 J. H.
Maurice Ludlum Cowl,	*New York City.*	7 J. H.
Edward Lawton Dockray,	*Newport, R. I.*	17 S. H.
Horatio Lee Golden,	*Kittanning, Pa.*	28 J. H.
George Greene. Jr.,	*Cedar Rapids, Iowa.*	28 J. H.
John Williams Huntington,	*Hartford.*	17 Clinton St.
George Pratt Ingersoll,	*New Haven, Ct.*	17 J. H.
Clarence Morgan Kurtz,	*Reading, Pa.*	13 J. H.
Robert Theodore Reineman,	*Allegheny City, Pa.*	8 J. H.
Frank Roosevelt,	*New York City.*	9 J. H.
John Frederick Sexton,	*Burnside, Ct.*	25 J. H.
William Seymour Short,	*Bethel, Ct.*	37 J. H.
Hobart Warren Thompson,	*Troy, N. Y.*	30 J. H.
Samuel Breck Parkman Trowbridge,	*New Haven, Ct.*	17 J. H.
Arthur Henry Wright,	*Boston, Mass.*	1 J. H.

JUNIORS.

NAME.	RESIDENCE.	ROOM.
Charles McLean Andrews,	*Wethersfield, Ct.*	Wethersfield.
William Stanley Barrows,	*Huntington, N. Y.*	38 J. H.
John Morgan Brainard,	*Auburn, N. Y.*	16 J. H.
Frederick Dashiels Buckley,	*Versailles, Ct.*	25 J. H.
George Heathcote Hills,	*Burlington, N. J.*	15 J. H.
William Henry Hitchcock,	*Batavia, N. Y.*	16 S. H.
Harwood Huntington,	*Hartford.*	17 Clinton St.
Frank Elisha Johnson,	*Hartford.*	37 Garden St.
George Ernest Magill,	*Newport, R. I.*	32 J. H.
Henry Ritchie Neely,	*Chicago, Ill.*	34 J. H.
James Frederic Olmsted,	*Fort Edward, N. Y.*	2 J. H.
Edward Lawson Purdy,	*Rye, N. Y.*	16 S. H.
Frank Wood Richardson,	*Auburn, N. Y.*	16 J. H.
Frank Fenner Russell,	*Woodstock, Ct.*	25 J. H.
Edgar Lewis Sanford,	*Thompsonville, Ct.*	25 J. H.
William Russell Sedgwick,	*Litchfield, Ct.*	13 Capitol Ave.
Edward Simms Van Zile,	*Troy, N. Y.*	5 J. H.

SOPHOMORES.

NAME.	RESIDENCE.	ROOM.
Archibald Codman,	*Boston, Mass.*	35 J. H.
John Robert Cuningham,	*Terre Haute, Ind.*	17 S. H.
Nathan Follin Dauchy,	*Noroton, Ct.*	33 J. H.
Samuel Herbert Giesy,	*Norwich, Ct.*	37 J. H.
George Frederick Humphrey,	*Faribault, Minn.*	10 J. H.
Frederick Danforth Lobdell,	*New York City.*	32 J. H.
Hiram Benjamin Loomis,	*Hartford.*	193 Sigourney St.
William Denison McCrackan,	*Hartford.*	772 Asylum Ave.
Sidney Trowbridge Miller,	*Detroit, Mich.*	4 J. H.
Samuel Smith Mitchell,	*Stamford, Ct.*	38 J. H.
Albert Delafield Neely,	*Portland, Me.*	34 J. H.
Frank William Owen,	*Boonville, N. Y.*	3 J. H.
George Peaslee Shears,	*Sharon, Ct.*	72 Vernon St.
Robert Thorne,	*Elizabeth, N. J.*	11 J. H.

FRESHMEN.

NAME.	RESIDENCE.	ROOM.
George Emerson Beers,	*Natick, Mass.*	11 J. H.
Paul Birdsall,	*Los Angeles, Cal.*	33 J. H.
William Henry Boardman,	*Cleveland, O.*	35 J. H.
Lewis Cameron,	*Brooklyn, N. Y.*	13 J. H.
Clarence Griffin Child,	*Pomfret, Ct.*	18 J. H.
William Skinner Eldredge,	*Watertown, N. Y.*	5 J. H.
James Goodwin,	*Hartford.*	24 J. H.
Edward Buckingham Hatch,	*Hartford.*	18 J. H.
Henry Reading Heydecker,	*New York City.*	29 J. H.
John McClurg Hays,	*Pittsburgh, Pa.*	7 J. H.
Hermann Lilienthal,	*Newport, R. I.*	31 J. H.
William James Tate,	*Windsor Locks, Ct.*	W. Locks.
Leonard Edward Welch, Jr.,	*Albany, Ga.*	30 J. H.
Frederick Hubbard Wolcott,	*Utica, N. Y.*	27 J. H.

STUDENTS IN SPECIAL COURSES.

Henry Cozzens Appleton,	*New York City.*	4 J. H.
Henry Addison Graff,	*Pittsburgh, Pa.*	1 J. H.
Horatio Nelson, Jr.,	*New York City.*	29 J. H.

ABBREVIATIONS.

S. H., ... Seabury Hall.

J. H., ... Jarvis Hall.

EXAMINATIONS FOR ADMISSION.

Two Examinations for Admission are held at the College in each year: the first, at the end of June, in Commencement Week; and the second, in September, immediately before the beginning of Christmas Term.

In 1883 the order of Examinations will be as follows:

JUNE.	SEPTEMBER.
Monday, June 25th,	Tuesday, September 11th,
2 P. M., Greek.	8½ A. M., Greek;
Tuesday, June 26th,	2 P. M., Latin.
8½ A. M., Latin;	Wednesday, September 12th,
2 P. M., Mathematics.	8½ A. M., Mathematics;
Wednesday, June 27th,	2 P. M., English.
8½ A. M., English.	

Candidates are required to present themselves at the hour specified for the beginning of the Examinations.

Examinations for Admission will also be held on the specified days of June in Pittsburgh, Chicago, and San Francisco, and in other places, due notice of which will be given.

Candidates may be examined on a portion of the Requirements for Admission at the Examinations of the year before that in which they propose to enter; but no candidate will be thus examined in advance on the whole of the requirements in any department.

No Candidate can be admitted to the Freshman Class before he has completed his fifteenth year.

Candidates for admission to any of the higher classes, whether from other Colleges or not, must sustain, besides the examination for admission to College, a further examination on the studies already pursued by the class which they propose to enter.

Candidates for admission as students in Special Courses are examined on such parts of the requirements as belong to the departments in which they desire to be admitted.

All candidates for admission must bring testimonials of good moral character; and those who are from other Colleges must produce certificates of dismission in good standing. These testimonials and certificates should be presented at the time of the Examinations.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Freshman Class are examined in the following books:

GREEK.

Grammar (Hadley or Goodwin).

Xenophon: Anabasis, four Books.

Homer: Iliad, three Books, with Prosody.

Prose Composition (Jones or White: the exercises in the first half of the book).

History of Greece.

[The translation of average passages, not previously read, from Xenophon and Homer will be accepted as an alternative to the above-mentioned quantities in these authors.]

LATIN.

Grammar (Harkness).

Caesar: Gallic War, Books I.–IV. inclusive; with questions on the subject-matter and on grammar.

Vergil: Aeneid, Books I.–VI. inclusive; with questions on the subject-matter and on prosody.

Cicero: the Orations against Catiline, and that for the Poet Archias; with questions on the subject-matter and on grammar.

Prose Composition: Translation into Latin of a passage of connected English narrative, based upon some passage in Caesar's Gallic War.*

Roman History: Outlines, to the death of Marcus Aurelius (Creighton).

Ancient Geography.

Candidates will also be examined at sight upon average passages from Caesar's works, from Vergil's Aeneid and Ovid's Metamorphoses, and from Cicero's Orations, with general questions on grammar, history, and antiquities, suggested by the passages set.

MATHEMATICS.

Arithmetic, including the Metric System.

Algebra, through Radicals and Quadratic Equations, together with Proportion, Progressions, and the Binomial Theorem.

Plane Geometry.

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*In addition to the use of a text-book, it is recommended that pupils be accustomed, from the beginning of the preparatory course, to translate into Latin, both orally and in writing, passages prepared by the teachers upon the basis of the prose authors read.

ENGLISH.

Each candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, division by paragraphs, and expression, upon a subject to be announced at the time of the examination. In 1883, the subject will be chosen from the following works: Shakespeare's *Julius Caesar;* *Sir Roger de Coverley*, in the *Spectator;* Macaulay's *Addison;* Thackeray's *Henry Esmond;* Scott's *Marmion.*

Each candidate will also be required to criticize specimens of English composition.

[The works from which the subject of the composition will be chosen in the following years are:

1884. Shakespeare's *Julius Caesar* and *Merchant of Venice;* Thackeray's *Henry Esmond;* Irving's *Sketch-Book;* Scott's *Lady of the Lake;* Carlyle's *Essay on Burns;* Burns's *Cotter's Saturday Night.*

1885. Shakespeare's *Macbeth* and *Merchant of Venice;* the first two books of Milton's *Paradise Lost;* Irving's *Sketch-Book;* George Eliot's *Silas Marner;* Dickens's *Tale of Two Cities;* Emerson's Essay on *Eloquence* in *Society and Solitude.*

1886. Shakespeare's *Julius Caesar* and *Macbeth;* the first two books of Milton's *Paradise Lost;* Dickens's *Tale of Two Cities;* Scott's *Abbot;* Pope's *Rape of the Lock*; J. R. Lowell's *Vision of Sir Launfal;* Goldsmith's *She Stoops to Conquer.*]

Instead of the text-books mentioned above, any others, if fully equivalent, will be accepted.

Copies of papers used at the Examinations in 1882 are printed at the end of this Catalogue.

COURSE OF INSTRUCTION

FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN CLASS.

CHRISTMAS TERM.

1. *Greek.* Homer's Odyssey : two Books. Greek Composition.
2. *Latin.* Cicero : De Senectute. Livy: Books I. and V. Latin Etymology and Syntax. Latin Prose (Abbott).
3. *Mathematics.* Algebra, beginning with Series (Wells).
4. *English.* Study of Words (Trench). Written Translations from Greek and Latin Authors, and Exercises in Composition.
5. *Natural History.* Zoology (Nicholson).

TRINITY TERM.

1. *Greek.* Homer's Odyssey: two Books. Herodotus. Greek Composition. Greek History.
2. *Latin.* Horace: Odes, Epodes, and Satires. Grammar., Latin Prose (Abbott). Lectures on Roman Antiquities.
3. *Mathematics.* Geometry of Space (Chauvenet). Plane Trigonometry (Wentworth), with Mensuration. Lectures on the History of Mathematics.
4. *English.* Synonymes. English Past and Present (Trench). Written Translations and Exercises in Literary Analysis.
5. *Elocution.* Exercises in Voice-building and Articulation.

SOPHOMORE CLASS.

CHRISTMAS TERM.

1. *Greek.* Euripides: Medea. Greek Composition. Greek History.
2. *Latin.* History of the Roman Republic (Liddell).
3. *Mathematics.* Surveying and Navigation. Spherical Trigonometry (Wentworth). Analytical Geometry (Bowser).
4. *English.* Grammar as bearing on Composition (Bain). Exercises in Grammatical Criticism and in Literary Analysis. Themes and Theme-plans.

5. *French. First Division.* Grammar. Advanced Exercises (Chardenal). Les Prosateurs Français (Roche).
   Second Division. Grammar. Les Prosateurs Français (Roche).
6. *Elocution.* Exercises in Expression and Gesture.

TRINITY TERM.

1. *Greek.* Sophocles: Oedipus Tyrannus. Plato: Apology. Greek Composition. Greek History.
2. *Latin.* Horace: Epistles and Ars Poetica. Suetonius. Tacitus: Annals. Exercises in writing Latin. Dictations. Lectures on the History of the Roman Empire.
3. *Mathematics and Natural Philosophy.* Conic Sections. Higher Analytical Geometry. Mechanics (Dana).
4. *English and Rhetoric.* Rhetoric (Whately). Themes. Exercises in Argumentation and the different kinds of Style. Themes and Theme-plans.
5. *French. First Division.* Les Prosateurs Français (Roche). La Fontaine's Fables. Selections from the Lyric and Tragic Poets. Exercises in writing French. French Literature (Saintsbury), with Lectures.
   Second Division. Advanced Exercises (Chardenal). Les Prosateurs Français (Roche). La Fontaine's Fables. Lyric Poetry (Mixer's Manual). French Literature (Saintsbury), with Lectures.

JUNIOR CLASS.

CHRISTMAS TERM.

1. *Greek.* Demosthenes: Popular Orations.
2. *Latin.* Tacitus: Annals, continued. Juvenal. Extemporalia. Translations from English Authors.
3. *Natural Philosophy.* Hydrostatics, Pneumatics, Acoustics, and Optics (Atkinson's Ganot). Experiments and Lectures.
4. *English.* Anglo-Saxon. History of the English Language (Craik). Lectures on the Relations of English to the Teutonic Languages. Themes. Original Orations, Debates, and Extemporaneous Speaking.
5. *German.* Grammar. Goethe's Prosa (Hart).
6. *History.* Lectures on the History of England.

TRINITY TERM.

1. *Greek.* Theocritus. Lucian.
2. *Latin.* Pliny's Letters. Vergil: Eclogues. Terence: Adelphi. Translations from English Authors. Lectures on the History of Roman Literature.

3. *Natural Philosophy and Astronomy.* Electricity and Magnetism (Atkinson's Ganot). Astronomy (Newcomb, Loomis), and Lectures. Meteorology (Loomis), and Lectures.
4. *English.* History of English Literature (Shaw). Critical Study of Representative Authors. American Literature. Themes. Original Orations, Extemporaneous Speaking, Discussions, and Forensics.
5. *German.* Selections from Modern Prose Authors. Lyric Poetry. Exercises in writing German. Lectures on German Literature
6. *History.* Lectures on the History of the United States.

SENIOR CLASS.

CHRISTMAS TERM.

1. *Metaphysics and Logic.* Metaphysics (Bowen's Hamilton). Logic (Jevons).
2. *Political Science.* Political Economy (Bowen).
3. *Chemistry.* Chemical Physics: Heat, Light, and Electricity (Pynchon). Lectures and Experiments. Chemistry (begun)
4. *English.* English History as Illustrated by Shakespeare. Themes, including one Critique. Original Orations, Extemporaneous Speaking, and Forensics.
5. *History.* Lectures on Ancient History.

TRINITY TERM.

1. *Moral Philosophy.* Butler's Analogy and Ethical Sermons Moral Philosophy.
2. *Political Science.* History of European Civilization and History of Representative Government (Guizot). Constitution of the United States.
3. *Chemistry and Natural Science.* Chemistry: Inorganic and Organic (Roscoe). Lectures on the History of Chemistry. Conferences in Mineralogy. Geology (Dana). Vegetable Physiology (Gray).
4. *English.* The Philosophy of English Literature. Commentaries on Shakespeare. Themes, including Metrical Composition. Discussion of Current Questions in Politics, Science, and Philosophy.
5. *History.* Lectures on the History of the Holy Roman Empire.

NOTE.—The classes are divided into sections in those studies in which it is found desirable to make this arrangement in order to secure thoroughness of instruction.

LECTURES.

The following courses of lectures are delivered each year:

By Bishop Williams: to the Seniors, on Ancient History and the History of the Holy Roman Empire; to the Juniors, on the History of England and of the United States.

By Professor Brocklesby: to the Juniors, on the History of Astronomy.

By Professor Johnson: to the Juniors, on the History and Philology of the Teutonic Languages, and on American Literature.

By Professor Hart: to the Juniors, on Astronomy; to the Sophomores, on the Literature of the Scriptures, and on the Conic Sections and Higher Curves; to the Freshmen, on the History of Mathematics.

By Professor Holbrooke: to the Juniors, on the History of Latin Literature; to the Sophomores, on the History of the Roman Empire; to the Freshmen, on Roman Antiquities.

By Professor Richardson: to the Juniors, on the History of German Literature; to the Sophomores, on the History of French Literature.

By Professor Bolton: to the Seniors, on Chemical Physics, Chemistry, Mineralogy, and Geology, and on the History of Chemistry.

By Professor Beckwith: to the Juniors, Sophomores, and Freshmen, on Greek Literature.

By Dr. Andrews: to the Seniors, on Modern Philosophy.

By Dr. Wainwright: to the Seniors, on Anatomy and Physiology.

By Mr. Hamersley: to the Seniors, on the Constitution of the United States.

By Dr. Scudder: to the Freshmen, on Hygiene.

VOLUNTARY STUDIES.

In addition to the regular course of instruction, arrangements are made for the following courses of special study. The names of undergraduates pursuing voluntary studies in any term are publicly announced at the end of the term.

1. *Ethics and Metaphysics.*
   SENIORS: Berkeley's Principles of Knowledge (Krauth); McCosh's Intuitions of the Mind, and Typical Forms in Creation; Porter's Human Intellect.
2. *Chemistry and Natural Science.*
   SENIORS: Natural History; Chemistry, Mineralogy, and Geology.
3. *Greek.*
   SENIORS AND JUNIORS: Aristotle.
   SOPHOMORES: Xenophon's Hellenica.
   FRESHMEN: Homer.
4. *Latin.*
   SENIORS: Quintilian; Patristic Latin.
   JUNIORS AND SOPHOMORES: Plautus; Catullus.
   FRESHMEN: Ovid; Caesar De Bello Civili.
5. *Mathematics and Natural Philosophy.*
   SENIORS AND JUNIORS: Practical Astronomy (Loomis); Differential and Integral Calculus (Rice and Johnson, Smyth).
   SOPHOMORES: Analytical Geometry (Howison); Quaternions (Hardy).
   FRESHMEN: Higher Algebra (Macnie); Geometrical Exercises (Chauvenet).
6. *English.*
   SENIORS: Shakesperian Grammar (Abbott).
   JUNIORS: English Literature (Taine).
   SOPHOMORES: English Accidence (Morris).
   FRESHMEN: English Language (Marsh).
7. *Modern Languages.*
   ALL CLASSES: French: Selections from the Dramatists.
   German: Goethe's Faust (both parts).
   Italian: Dante, with Lectures.
   Spanish: Don Quijote.
8. *Oriental Languages.*
   SENIORS AND JUNIORS: Elementary Hebrew Grammar, and parts of the Pentateuch; Sanskrit Grammar and reading lessons.
9. *History.*
   JUNIORS: Mediæval and Modern History.

CHRISTMAS TERM, 1882.

SCHEME OF RECITATIONS.

SENIORS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½	Blunt's Coincidences.	Metaphysics.	Metaphysics.	Metaphysics.	Metaphysics.	Metaphysics.
10	English Literature.	Political Economy.	Political Economy.	Political Economy.	Polit. Economy or History.	
12	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	

JUNIORS.

8½	Natural Theology.	English Literature.	Greek.	English Literature.	Greek.	German.
10	Natural Philosophy.	Natural Philosophy.	Natural Philosophy.	Natural Philosophy.	Nat. Philosophy or History.	
12	Latin.	German.	Latin.	German.	Latin.	

SOPHOMORES.

8½	History of Old Testament.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
10	Greek.	Greek.	Greek.	Greek.	English.	
12	French.	Latin.	French.	Latin.	French.	

FRESHMEN.

8½	Greek Testament (Gospels).	Latin.	Latin.	Latin.	Latin.	Latin.
10	Zoology.	Mathematics.	Zoology.	Mathematics.	Zoology.	
12	Greek.	Greek.	Greek.	Greek.	English.	

TRINITY TERM, 1883.

SCHEME OF RECITATIONS.

SENIORS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½	Greek Testament (Epistles).	Moral Philosophy.	Moral Philosophy.	Moral Philosophy.	Moral Philosophy.	Moral Philosophy.
10	Political Science.	Political Science.	English Literature.	Political Science.	Polit. Science or History.	
12	Chemistry.	Geology or Mineralogy.	Chemistry.	Geology or Mineralogy.	Chemistry.	

JUNIORS.

8½	Evidences of Christianity.	Latin.	Greek.	Latin.	Greek.	Latin.
10	German.	English Literature.	German.	English Literature.	German or History.	
12	Astronomy or Meteorology.	Astronomy or Meteorology.	Astronomy or Meteorology.	Astronomy or Meteorology.	Astronomy or Meteorology.	

SOPHOMORES.

8½	History of the Scriptures.	Rhetoric.	Latin.	Rhetoric.	Latin.	Greek.
10	Mathematics or Mechanics.	Greek.	Mathematics or Mechanics.	Greek.	Mathematics or Mechanics.	
12	French.	Latin.	French.	Latin.	French.	

FRESHMEN.

8½	Greek Testament (Gospels).	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
10	Latin.	Latin.	Latin.	Latin.	Latin.	
12	Greek.	Greek.	Greek.	English.	Greek.	

RELIGIOUS SERVICES AND INSTRUCTION.

The hours of daily Prayers in the College Chapel are 8 o'clock A.M. and 5.40 o'clock P.M. The students are allowed one absence from Prayers each day; provided that not more than two of the absences in each week be from the Morning Service.

On Sunday, the Holy Communion is administered in the Chapel at 8.10 o'clock A.M. The students attend the Morning Service at such Church in the city as their parents or guardians designate. At 5 o'clock P.M., Evening Prayer is said in the Chapel.

The President, who is the Pastor of the College, discharges the duties of Chaplain, in which he is assisted by the other clerical members of the Faculty.

On Monday, the first recitation is devoted to religious studies. These comprise, during the College course, the following subjects: The New Testament in Greek (Gospels and Epistles); Old and New Testament History and Biblical Literature; Natural Theology; the Evidences of Christianity; the Historical Coincidences and Evidences of the Holy Scriptures.

TERMS AND VACATIONS.

The academic year comprises two terms—Christmas and Trinity. Christmas term begins in September, eleven weeks after Commencement, and extends to the Thursday before Christmas. It is followed by the Christmas vacation of three weeks

Trinity term begins in January, at the end of the Christmas vacation, and extends to Commencement, which is the Thursday before the Fourth of July. In this term there is also an Easter recess of ten days, ending on the last Monday of April. Commencement-Day in 1883 falls on the twenty-eighth day of June.

Trinity vacation continues eleven weeks from Commencement.

MATRICULATION.

All students are required to matriculate on their admission to the College.

Matriculation consists in signing, in the presence of the President, Faculty, and others, the following promise:

"I promise to observe the Statutes of Trinity College; to obey all the rules and regulations of the Faculty; to discharge faithfully all scholastic duties imposed upon me; and to maintain and defend all the rights, privileges, and immunities of the College, according to my station and degree in the same."

EXAMINATIONS AND HONORS.

Examinations are held at the close of each term, upon all the studies of that term. These examinations are partly oral and partly written.

If a student attains in any department an average of nine in his marks for the recitations throughout the year, and also an average of nine in his marks for the Christmas and the Trinity Examinations taken together, it is publicly announced at the close of the year that he has passed the Examinations in that department *cum honore*. At the end of the College course, if a student has passed all the examinations in one or more departments *cum honore*, it is publicly stated in conferring his degree, that he is graduated *cum honore;* and the names of the graduating class are printed in the next annual catalogue in the following manner: first, the names of those students who have been graduated *cum honore*, with a statement of the departments in which they have obtained honor; then the names of the others in alphabetical order. A student who passes all the Examinations *cum honore* in all departments, is graduated with the title of Optimus.

CONDITIONS.

No student is admitted to Examination in any department, unless his average mark for the term in that department is at least five on a scale of ten.

When a student is excluded from Examination, or fails to pass any Examination in whole or in part, he is conditioned, and such deficiency must be made up during vacation; and the student is required to report himself at the opening of the following term, prepared to pass a special examination.

No student is advanced to the studies of any year until he has passed the Examinations of the preceding year.

DEGREES.

The degree of Bachelor of Arts is conferred upon those students who complete the regular course of study as prescribed.

The degree of Bachelor of Science is conferred upon those students who complete the regular course of study in all the departments except the Greek, and also sustain a special examination in one of the following courses, viz.: Differential and Integral Calculus and Zoology; Astronomy, Mineralogy, and Geology; Chemistry and Natural History.

Any student completing the course prescribed for the degree of Bachelor of Arts may receive the further degree of Bachelor of Science upon passing an examination in one of the courses above mentioned, together with a special examination in such parts of the regular course as are connected with it.

Notice of intention to apply for this degree must be given in writing to the Secretary of the Faculty at the beginning of Senior year; or, in case the third of the above-mentioned courses of study is selected, at the beginning of Junior year.

STUDENTS IN SPECIAL COURSES.

The Statutes provide that students who do not propose to attend the whole course of instruction may be permitted, under the name of Students in Special Courses, to recite with the regular classes in such studies, always including Latin, as, upon examination, they shall be found qualified to pursue. They are examined for admission to the College on such parts of the regular requirements as belong to the departments in which they propose to enter (see page 16); are subject to the same rules and enjoy the same privileges as the regular students; and, on leaving with an honorable dismission, are entitled to a certificate from the President, stating the time they have been members of the College and the studies pursued during that time; or, provided they complete the course prescribed for that purpose, they receive the degree of Bachelor of Science.

STANDING AND APPOINTMENTS.

The standing of a student is reckoned from the beginning of Freshman year, and is determined by his scholarship, as shown in recitations and examinations.

At the close of each term a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian.

The aggregate standing attained by each member of a class is published at the beginning of the second term in Junior year and at the end of Senior year. When a student has entered College after the beginning of Freshman year and before the beginning of the second term in Sophomore year, his standing for the term or terms during which he was absent is considered to have the same ratio to the maximum as that which he gains while in residence up to the time of the first publication of his aggregate standing, and, having been once published, is not recomputed. The standing of a student entering later in the course is computed in the same manner, with a deduction of five per cent.

All the students in a class, the aggregate of whose marks for the entire course is to the maximum attainable in the ratio of at least $7\frac{3}{4}$ to 10, receive appointments for Commencement; and their names are printed on the programme in the order of their standing.

The first three appointments to speak at Commencement are given according to the aggregate of marks in the entire College course. Not less than two or more than four other speakers are selected after competition before a special committee of the Faculty; those members of the class being eligible who, besides receiving appointments for Commencement, have attained a mark of $7\frac{3}{4}$ on the Theme-Writing of the course and a mark of 9 on the Graduating Oration.

No appointment is ordinarily assigned to any student who has entered College at or after the beginning of Senior year.

LIBRARY.

The Library is open on Saturdays from 10 A. M. to 12.30 P. M., and on other week-days from 1.45 to 3.30 P. M.; and the students are allowed free access to the shelves.

It contains about 20,500 volumes, exclusive of duplicates, pamphlets, and unbound periodicals. The Bishop Burgess, Elton, Sheffield, Peters, and Athenæum Library Funds amount in all to

$26,000. The Alumni Library Fund amounts to about $4,000, making the aggregate of the Library Funds $30,000.

Donations to these funds and gifts of books, pamphlets, engravings, and portraits are earnestly solicited from the Alumni and from other friends.

The College Reading-Room is supplied with newspapers and periodicals published in this country and in England.

The Watkinson Library, a valuable collection of books for reference, containing about 35,000 volumes, is also accessible to the students.

Students can be provided to some extent with text-books, by means of a free lending library established for that purpose, which is under the charge of the Professor of Latin.

CABINET.

The College possesses valuable collections in Natural History, Geology, and Mineralogy, which are displayed in a hall especially arranged for that purpose. In order to familiarize students as much as possible with the objects used in illustration, instruction is given in the hall itself.

Instruction in Geology is aided by a complete suite of Ward's casts of celebrated fossils, including the megatherium, the glyptodon, the plesiosaurus, and other large specimens, and by a series of carefully selected actual fossils representing characteristic forms in each geological period from the earliest Silurian to the Tertiary. In addition to this, students are referred to a suite of typical rocks of the State of New York, a series of rocks arranged both lithologically and stratigraphically, and a number of geological and relief maps.

Instruction in Natural History is aided by a valuable collection of mounted skeletons of modern animals, sixty in number, including the elephant, the walrus, the lion, the ourang-outan, man, etc., and by Blaschka's glass models of invertebrates.

Students in mineralogy have free access to collections made for practical instruction.

The cabinet is open every week-day from 2.30 to 4 o'clock P. M.

The Gymnasium and the field of the Athletic Association provide all the students with opportunities for physical exercise.

EXPENSES.

The amount of the Treasurer's bills each year is as follows:

Tuition (Christmas Term, $40; Trinity Term, $50),	$90.00
Room-rent for each person,	
$100.00, $75.00, $40.00, or, with scholarship,	$25.00
Incidentals,	30.00
Heat and light,	17.50
Total, $237.50, $212.50, $177.50, or	$162.50

The cost of board for 37 weeks at $4.50 or $5.00 per week is $166.50 or $185.00. To this must be added laundry charges, together with the expense of books, furniture, clothing, travel, and society fees, which vary according to the taste and habits of the student, and of which no estimate can be given.

SCHOLARSHIPS.

The amount of the Treasurer's bill can be considerably reduced to holders of scholarships. The scholarships vary in value, some remitting the charge for tuition, and others both the charge for tuition and that for room-rent in whole or in part, while others yield a money income. These scholarships are not limited to those studying with a view to any special profession. The Toucey scholarships, for students for the ministry, are awarded after competition. For sons of clergymen of limited means there are special scholarships.

For holders of those scholarships which remit the entire charges for tuition and room-rent, the Treasurer's bills are reduced to $47.50; and the necessary expenses of such students, including board and other personal items, will not exceed $250 or $300 a year.

Application for any scholarship should be made in writing to the President by the parent or guardian, at or before the beginning of the term in which the student intends to enter.

ROOMS.

The rooms in the College buildings are so arranged as to provide, for two students rooming together, a common study and separate bedrooms. All the rooms are heated by steam and lighted by gas; and ventilation is secured by open fire-places. Water is carried to every floor in each section.

The charge made in the College bills for room-rent varies from $25 to $100 per year for each occupant, as will be seen from the table of expenses on the preceding page.

The Statutes require all students to reside in the College buildings, unless they have special permission from the President to room elsewhere.

The College bills are due at the beginning of each term, and must be settled at the Treasurer's Office, No. 39 Pearl Street, immediately on the arrival of the student; if not so paid, an additional charge of five per cent. is made for each term's delay. All checks and drafts should be made payable to the order of Charles E. Graves, Treasurer.

By vote of the Trustees, the Treasurer, with the approval of the President, is authorized to exclude from recitations students neglecting to pay their College bills when due.

Students admitted to advanced classes, except those from other Colleges, are required to pay $12 for each term of their advancement. This charge is sometimes remitted.

No student can receive his degree or an honorable dismission until the Treasurer certifies that all his College bills are paid, and that, so far as the Treasurer knows, there are no lawful claims upon him for board or washing which he has failed to satisfy.

PRIZES.

TUTTLE PRIZE.

The Tuttle Prize of thirty dollars was founded by the late Miles A. Tuttle, Esq., of Hartford. It will be awarded to that member of the Senior Class who shall write the best essay on "*The Respective Provinces of Thought and Imagination.*" The essays must be submitted to the President on or before the 30th of April, 1883. No award will be made except for distinguished excellence.

TUTTLE PRIZE ESSAYISTS.

1860. "The Benefits Resulting from a Collegiate Education." Augustus Jackson.
1861. "The Nature of Light." Albin Barlow Jennings.
1862. "The Writings of Washington Irving." [Not awarded.]
1863. "The Safeguards of College Life." William Thomas Currie.
1864. "The College Law of Honor." [Not awarded.]
1865. "The Providential Law of Scientific Discovery and Invention." John Henry Brocklesby.
1866. "Physical Science, a Power in the Moral Advancement of Mankind." Henry Emerson Hovey.
1867. "The Development of the Mechanical Arts in the Roman Republic." [Not awarded.]
1868. "The Systems of Protection and Free Trade—which is best adapted to Promote the Prosperity of the United States?" Edward Renwick Brevoort.
1869. "The Causes of the French Revolution." Joseph Blount Cheshire, Jr.
1870. "The Antiquity of Man." Brady Electus Backus.
1871. "The Influence of War upon Civilization." Chauncey Camp Williams.
1872. "The Nature and Origin of Life." Robert Clayton Hindley.
1873. "The Equitable Adjustment of the Claims of Labor and Capital." Ralph Hart Bowles, Jr.
1874. "Number and Quantity, as Functions of Physical Law." Thomas James Drumm.
1875. "The Norman Element in English Civilization." Edward William Worthington.
1876. "The Prevalence of Periodicity in the Material World." [Not awarded.]
1877. "The Roman Empire as Foreshadowed in Prophecy." John Henry King Burgwin.
1878. "The Philosophy of Waste in Nature." [Not awarded.]
1879. "The Causes and the Results of the Crimean War." [Not awarded.]
1880. "The Doctrine of Evolution, as tested by the Principles of the Inductive Philosophy." [Not awarded.]
1881. "The Development of Civil Liberty in the Anglo-Saxon Race." Alfred Poole Grint.
1882. "The Roman Tribunate." [Not awarded.]

CHEMICAL PRIZE.

A PRIZE OF THIRTY DOLLARS will be awarded to that member of the Senior Class who shall write the best essay on "*Bleaching Agents*"; and a second prize of twenty dollars will be awarded to that member of the class who shall write the second best essay on the same subject. The essays must be submitted to the Professor of Chemistry on or before the 2d of May, 1883.

CHEMICAL PRIZE ESSAYISTS.

1858. "Water." DAVID MAITLAND ARMSTRONG.
1859. "Carbonic Acid." SAMUEL BROOM WARREN.
1860. "The Atmosphere." CHARLES HENRY WRIGHT STOCKING.
1861. "The Relations of Water to Heat." AUGUSTUS MORSE, JR.
1862. "Phlogiston." ROBERT WALKER LINEN.
1863. "Fire-Damp." JOHN JAMES MCCOOK.
1864. "Chlorine and its Compounds." ROBERT AGNEW BENTON.
1865. "The Relations of Plants to the Atmosphere." SAMUEL STEVENS.
1866. "Hydrogen." CHARLES HENRY BELKNAP TREMAINE.
1867. "Phosphorus." GEORGE GIDEON NICHOLS.
1868. "Oxygen." FRANK KENNEDY.
1869. "The Voltaic Pile." GEORGE OTIS HOLBROOKE.
1870. "Artificial Light." PERCY SHELLEY BRYANT.
1871. "The Metric System." GEORGE WILLIAM DOUGLAS.
1872. "The Electro-Magnetic Telegraph." GEORGE HENRY SEYMS.
1873. "Spectrum Analysis." WILLIAM HOWARD BULKLEY.
1874. "Photography." EDWARD NICOLL DICKERSON, JR.
Second Prize: GEORGE MCILVAINE DUBOIS.
1875. "The Steam Engine." WASHINGTON BRYAN.
Second Prize: GEORGE WILLIAM LINCOLN.
1876. "Iron." EDWARD NEVINS BURKE.
Second Prize: WILLIAM WHARTON GILLETTE.
1877. "Potassium and its Compounds." STEPHEN GERMAIN HEWITT.
Second Prize: EDWARD MANSFIELD SCUDDER.
1878. "Combustion." HORACE BROWN SCOTT.
Second Prize: GEORGE SUMNER CHIPMAN.
1879. "Sulphur." SYDNEY GEORGE FISHER.
Second Prize: ALFRED HARDING.
1880. "The Atomic Constitution of Matter." ROBERT BARCLAY.
Second Prize: WILLIAM RIDGLEY LEAKEN.
1881. "Explosives." GEORGE SUMNER HUNTINGTON.
Second Prize: FRANK EBENEZER MILLER.
1882. "Electrolysis." WILLIAM WALTER WEBB.
Second Prize: CHARLES ERLING HOTCHKISS.

PRIZE VERSION DECLAMATIONS.

A PRIZE will be awarded on the following conditions:

There must be six competitors; two from the Senior, two from the Junior, and two from the Sophomore Class. The two members of each class whose rank is highest in the studies of the pre-

ceding year in the department of English and Rhetoric will be appointed the competitors. Passages from Greek and Latin authors, distributed by lot, and then translated into English and submitted to the Professor of Greek or Latin and the Professor of English, will be pronounced in public on the 24th of May, 1883, in the presence of a committee of award on the delivery. The merits of the version as a translation and as an English composition, together with the merits of the delivery as a declamation, will have equal weight in determining the award of the prize.

The Prize-man of the year, if he be still a member of the College, will consider himself under obligation to pronounce an original version at the Prize Declamations of the following year, without being a candidate for the prize.

PRIZE-MEN.

1863. Joseph Field Ely.
1865. James Brainard Goodrich.
1866. Frank Louis Norton.
1867. Howard Cooke Vibbert.
1868. George Lewis Cooke, Jr.
1869. George William Douglas.
1870. Arthur Dyer.
1871. Paul Ziegler.
1872. Alexander Mackay-Smith.
1873. Oliver Henry Raftery.
1874. James Davis Smyth.
1875. George Milton Hubbard.
1876. George Sumner Chipman.
1877. Charles Carroll Edmunds, Jr.
1877. Edward Mansfield Scudder.
1878. John Dows Hills.
1879. Alfred Harding.
1880. Harry Campbell Black.
1881. Charles Waring Jones.
1882. John Henry McCrackan.

ENGLISH LITERATURE PRIZE.

A Prize of sixty-five dollars is offered to the Senior Class for the best examination in English Literature from the earliest times to the present day, with special reference, for the Class of 1883, to *The Theological Writings of the Seventeenth Century.* There must be at least five competitors. The examination, which will be held on the 24th and 25th of November, 1882, will be in writing, and the questions proposed will not be confined to any text-book. The Professor of English and Rhetoric, the Professor of Latin, and a third person, not a member of the Faculty, to be selected by them, will be a committee to hold the examination and award the prize.

The special subjects of examination for the following classes will be:

For the Class of 1884, *The Poetry of the Eighteenth Century.*
For the Class of 1885, *The Historical and Philosophical Writings of the Eighteenth Century.*

For the Class of 1886, *The Historical Writings of the Nineteenth Century.*
For the Class of 1887, *American Political Writings.*

PRIZE-MEN.

1877. George Sumner Chipman.
1878. [Not awarded.]
1879. William Logan Crosby.
1880. William Stanley Emery.
1881. William Walter Webb.

LATIN PRIZE.

A PRIZE OF TWENTY-FIVE DOLLARS will be awarded to that member of the Junior Class who shall sustain the best examination in Crutwell's *History of Roman Literature.* There must be three competitors. The examination will be held on the 1st of May, 1883.

PRIZE-MEN.

1870. Henry Scudder Wood.
1871. Paul Ziegler.
1873. James Davis Smyth.
1874. [Not awarded.]
1875. Henry Groves Cameron.
1876. Charles Carroll Edmunds, Jr.
1877. George Sumner Chipman.
1878. Lorin Webster.
1879. Bern Budd Gallaudet.
1880. Charles Wright Freeland.
1881. Charles Anderson Hamilton.
1882. [Not awarded.]

MATHEMATICAL PRIZES.

A PRIZE OF TWENTY DOLLARS will be awarded to that member of the Freshman Class who shall sustain the best examination in the solution of Algebraic Problems. The examination will be held on the 9th of December, 1882.

A PRIZE OF TWENTY DOLLARS will be awarded to that member of the same class who shall sustain the best examination in Chauvenet's *Modern Geometry.* The examination will be held on the 5th of May, 1883.

PRIZE-MEN.

	Algebra Prize.	*Geometry Prize.*
1870–71.		James Diggles Hurd.
1871–72.		Charles Davies Scudder.
1872–73.		Henry Groves Cameron.
1873–74.	John Prout.	John Henry King Burgwin.
1874–75.	John Williams.	John Williams.
1875–76.	Walter Calvin Hagar.	Joseph Mosgrove Truby.
1876–77.	Bern Budd Gallaudet.	Thomas Morduit Nelson George.
1877–78.	Richard Allyn White.	Charles Wright Freeland.
1878–79.	Arthur Beach Linsley.	William Walter Webb.
1879–80.	Clarence Morgan Kurtz.	Clarence Morgan Kurtz.
1880–81.	George Dudley Buck.	William Stanley Barrows.
1881–82.	Hiram Benjamin Loomis.	Hiram Benjamin Loomis.

ORATORICAL PRIZES.

The Students, in continuation of prizes given by the Athenaeum and Parthenon Literary Societies, offer two Medals as prizes for excellence in writing and pronouncing English Orations. Two members of each of the three upper classes, selected after competition, will deliver their orations in public on the 22d of February, 1883, in the presence of a committee of award. A gold medal will be awarded as the first prize, and a silver medal as the second prize.

PRIZE-MEN.

	Gold Medal.	*Silver Medal.*
1869–70.	Arthur Dyer.	Paul Ziegler.
1870–71.	Chauncey Camp Williams.	Alexander Mackay-Smith.
1871–72.	Henry Evan Cotton.	James Diggles Hurd.
1873–74.	William Jackson Roberts.	Joseph Buffington.
1874–75.	Charles Davies Scudder.	John Huske.
1875–76.	Beverley Ellison Warner.	James Dowdell Stanley.
1876–77.	William Viall Chapin.	Edward Mansfield Scudder.
1877–78.	David Law Fleming.	Robert Lefavour Winkley.
1878–79.	David Buchanan Willson.	Melville Knox Bailey.
1879–80.	Thomas Morduit Nelson George.	Harry Campbell Black.
1880–81.	Edward Stevens Beach.	Alfred Poole Grint.
1881–82.	Richard Eugene Burton.	Frank Wood Richardson.

HONOR-MEN FOR THE YEAR 1881-82.

HONORS IN THE CLASS OF 1882.

Valedictory, ...	SEAVER MILTON HOLDEN.
Salutatory, ...	JOHN HENRY MCCRACKAN.

TUTTLE PRIZE ESSAY,	[Not awarded.]
CHEMICAL PRIZE ESSAY,	William Walter Webb.
Second Prize,	Charles Erling Hotchkiss.
PRIZE VERSION DECLAMATION,	John Henry McCrackan.
ENGLISH LITERATURE PRIZE,	William Walter Webb.
Second Prize,	Charles Wheeler Coit.
LATIN PRIZE,	[Not awarded.]
FRENCH PRIZE,	Edward Simms Van Zile.
MATHEMATICAL PRIZES:	
Algebra Prize,	Hiram Benjamin Loomis.
Geometry Prize,	Hiram Benjamin Loomis.

ORATORICAL PRIZES:	
Gold Medal,	Richard Eugene Burton.
Silver Medal,	Frank Wood Richardson.

HONORS IN THE EXAMINATIONS.

SENIORS.

In Mental, Moral, and Political Philosophy, Chemistry and Natural Science, and English;

William Walter Webb.

In Mental, Moral, and Political Philosophy, and English;

Frederick Clement Gowen, Ernest Flagg Henderson,
Charles Anderson Hamilton, Seaver Milton Holden,
John Henry McCrackan.

In Mental, Moral, and Political Philosophy;

Charles Erling Hotchkiss, Samuel Newell Watson.

In English;

Clarence Ernest Ball, Charles Wheeler Coit,
Augustus Phillips Burgwin, Charles Zebina Gould.

JUNIORS.

In Natural Philosophy and Astronomy, Greek, Latin, English, and German;

J. Eldred Brown.

In Natural Philosophy and Astronomy, and English;

Richard Eugene Burton.

In Natural Philosophy and Astronomy;

Horatio Lee Golden, William Seymour Short.

In English;

Arthur Henry Wright.

SOPHOMORES.

In Mathematics and Natural Philosophy, Greek, Latin, and English;

Henry Ritchie Neely.

In Mathematics and Natural Philosophy, Greek, Latin, and French;

John Morgan Brainard.

In Mathematics and Natural Philosophy, Greek, and English;

Frank Wood Richardson.

In Greek and English;

William Stanley Barrows.

In Greek and French;

Frank Elisha Johnson.

In English;

Edward Simms Van Zile.

FRESHMEN.

In Mathematics, Greek, Latin, and English;

Hiram Benjamin Loomis.

In Mathematics, Latin, and English;

Robert Thorne.

In Greek and Latin;

Levi Francis Warner.

In Mathematics;

George Frederick Humphrey.

DEGREES CONFERRED IN 1882.

The following degrees, having been voted at the annual meeting of the Corporation, held on the 28th day of June, 1882, were duly conferred at the public Commencement on the following day.

BACHELOR OF ARTS, CUM HONORE.

In Mental, Moral, and Political Philosophy, Greek, and English;

Seaver Milton Holden.

In Mental, Moral, and Political Philosophy, and Greek;

Charles Anderson Hamilton.

In Mental, Moral, and Political Philosophy, and English;

Frederick Clement Gowen.

In Mental, Moral, and Political Philosophy, and Chemistry and Natural Science;

William Walter Webb.

In Mental, Moral, and Political Philosophy;

Ernest Flagg Henderson.
Charles Erling Hotchkiss.
John Henry McCrackan.
Samuel Newell Watson.

BACHELOR OF ARTS, IN COURSE.

Charles Adams Appleton.
Clarence Ernest Ball.
Richard Vernam Barto.
Daniel Murray Bohlen.
Augustus Phillips Burgwin.
Clarence Carpenter.
Bernard Moore Carter.

Charles Henry Carter.
Charles Wheeler Coit.
Charles Silas Coleman.
Charles Zebina Gould.
George Dawson Howell.
Arthur Beach Linsley.
Nicholas Williams McIvor.
William Crawford Sheldon, Jr.
James Remsen Strong.
Andrew Murray Young.

BACHELOR OF SCIENCE, IN COURSE.

William Walter Webb.

MASTER OF ARTS, IN COURSE.

James Stratton Carpenter, M.D.
William Freeman French.
Julian Ellis Kurtz, M.D.
The Rev. Frederick Wyndham White.
The Rev. David Buchanan Willson.

MASTER OF ARTS, HONORIS CAUSA.

CHARLES SEBASTIAN FISHER, M.D., New York City.
SAMUEL WARD LOPER, Durham, Conn.

DOCTOR OF LAWS.

The Hon. JEREMIAH HALSEY, Norwich, Conn.

DOCTOR IN DIVINITY.

The Rev. JOHN BRAINARD MORGAN, M.A. Columbia, Rector of the Church of the Holy Trinity, Paris, France.

EXAMINATIONS FOR ADMISSION.

1882.

GREEK.

(Greek words are to be written with the accent.)

I. GRAMMAR.

Change according to the laws of euphony *πδ*, *δτ*, *πμ*.

When does an enclitic take an accent?

Decline throughout *βία*, *πλοῦς*, *σῶμα*, *πόλις*.

Decline through all the genders of the singular *εὐγενής*.

Decline through all the genders of the plural the comparative of *μέγας*.

Decline the reflexive pronoun of the first person.

Give the synopsis of 1st Aor. Act. *φαίνω*, Fut. Mid. *βάλλω*, 1st Aor. Pass. *λείπω*, Pres. Act. *ἵστημι*.

Inflect (through the persons and numbers) Pluperf. Act. *λύω*, Imperf. Mid. *δηλόω*, Imperf. Act. *τίθημι*.

II. XENOPHON.

Translate:

Ἐμοὶ μὲν δὴ ταῦτα πάντα ἐνθυμουμένῳ οὕτω δοκεῖ θαυμαστὸν εἶναι τὸ σὲ ἡμῖν ἀπιστεῖν ὥστε καὶ ἥδιστ' ἂν ἀκούσαιμι τοὔνομα τίς ἐστιν οὕτω δεινὸς λέγειν ὥστε σε πεῖσαι λέγων ὡς ἡμεῖς σοι ἐπιβουλεύομεν. Κλέαρχος μὲν οὖν τοσαῦτα εἶπε· Τισσαφέρνης δὲ ὧδε ἀπημείφθη·

Ἀλλ' ἥδομαι μέν, ὦ Κλέαρχε, ἀκούων σου φρονίμους λόγους· ταῦτα γὰρ γιγνώσκων εἴ τι ἐμοὶ κακὸν βουλεύοις, ἅμα ἂν μοι δοκεῖς καὶ σαυτῷ κακόνους εἶναι. Ὡς δ' ἂν μάθῃς ὅτι οὐδ' ἂν ὑμεῖς δικαίως οὔτε βασιλεῖ οὔτ' ἐμοὶ ἀπιστοίητε, ἀντάκουσον.

Give the parts of *ἀκούσαιμι*, *πεῖσαι*, *γιγνώσκων*. Give the rule for the mode in *πεῖσαι*, *βουλεύοις*, *μάθῃς*. What is the subject of *εἶναι*? Explain the first mark over *τοὔνομα*.

Translate:

Μετὰ ταῦτα ἐδόκει πάλιν διασκηνητέον εἶναι εἰς τὰς κώμας εἰς στέγας. Ἔνθα δὴ οἱ στρατιῶται σὺν πολλῇ κραυγῇ καὶ ἡδονῇ ἦεσαν ἐπὶ τὰς στέγας καὶ τὰ ἐπιτήδεια· ὅσοι δὲ ὅτε τὸ πρότερον ἀπῆεσαν τὰς οἰκίας ἐνέπρησαν ὑπὸ τῆς αἰθρίας δίκην ἐδίδοσαν κακῶς σκηνοῦντες. Ἐντεῦθεν ἐπεμψαν τῆς νυκτὸς Δημοκράτην Τεμενίτην ἄνδρας δόντες ἐπὶ τὰ ὄρη, ἔνθα ἔφασαν οἱ ἀποσκεδαννύμενοι καθορᾶν τὰ πυρά· οὗτος γὰρ ἐδόκει καὶ πρότερον πολλὰ ἠδη ἀληθεῦσαι τοιαῦτα, τὰ ὄντα τε ὡς ὄντα καὶ τὰ μὴ ὄντα ὡς οὐκ ὄντα.

Where are the following forms made, and from what presents: *ἦεσαν, ἔπεμψαν, δόντες*? What is the government of *νυκτός*? The subject of the action in *διασκηνητέον* would be expressed by what case? With what is *τὸ* to be joined?

III. Composition.

Translate into Greek:

The generals will march through the middle of the country. Let us go, that we may see the king. If the enemy should fight, they would conquer.

IV. History and Geography.

What was the origin of the curse of the Alcmaeonidae? What Greek State became supreme after the Persian war? The supremacy afterwards passed successively to what States? What battle closed the Peloponnesian war? What was the constitution of the Council at Athens? Give the date of the battle of Salamis; of the first Olympiad. A journey from Athens to Mt. Olympus by way of Delphi would lie through what countries? Where were Elis, Dodona, the Saronic gulf?

V. Homer.

Oral Examination.

LATIN.

I. Caesar.

Translate:

Loci natura erat haec, quem locum nostri castris delegerant. Collis, ab summo aequaliter declivis, ad flumen Sabim, quod supra nominavimus, vergebat. Ab eo flumine pari acclivitate collis nascebatur, adversus huic et contrarius, passus circiter ducentos infima apertus, ab superiore parte silvestris, ut non facile introrsus perspici posset.

Give the principal parts of *deligo, nascor, perspicio.* Explain the cases *castris, Sabim, acclivitate, passus.* Compare *superior* and *inferior.*

Translate:

Eadem nocte accidit ut esset luna plena, qui dies maritimos aestus maximos in Oceano efficere consuevit; nostrisque id erat incognitum. Ita uno tempore et longas naves, quibus Caesar exercitum transportandum curaverat, quasque in aridum subduxerat, aestus complebat; et onerarias, quae ad anchoras erant deligatae, tempestas afflictabat; neque ulla nostris facultas aut administrandi aut auxiliandi dabatur.

Explain the subjunctive *esset;* the cases *nocte, luna, administrandi.* Give the connection of the passage.

II. Vergil.

Translate:

Necdum orbem medium Nox horis acta subibat:
Haud segnis strato surgit Palinurus, et omnes
Explorat ventos, atque auribus aëra captat;
Sidera cuncta notat tacito labentia caelo,
Arcturum, pluviasque Hyadas, geminosque Triones,
Armatumque auro circumspicit Oriona.
Postquam cuncta videt caelo constare sereno,
Dat clarum e puppi signum; nos castra movemus,
Tentamusque viam, et velorum pandimus alas.
Jamque rubescebat stellis Aurora fugatis;
Quum procul obscuros colles humilemque videmus
Italiam. Italiam primus conclamat Achates;
Italiam laeto socii clamore salutant.

Write out the last two lines, marking the quantity of the syllables and the caesura. Comment upon the proper names.

III. Cicero.

Translate:

Itaque, illorum responsis, tunc et ludi decem per dies facti sunt; neque res ulla, quae ad placandum Deos pertineret, praetermissa est; iidemque jusserunt, simulacrum Jovis facere majus, et in excelso collocare, et, contra atque ante fuerat, ad Orientem convertere; ac se sperare dixerunt, si illud signum, quod videtis, solis ortum et forum curiamque conspiceret, fore ut ea consilia, quae clam essent inita contra salutem Urbis atque imperii, illustrarentur, ut a senatu populoque Romano perspici possent.

Explain the subjunctives *pertineret, conspiceret, illustrarentur, possent.* What was the *forum?* the *curia?* On what occasion were these measures taken?

Translate:

Nam cetera neque temporum sunt neque aetatum omnium, neque locorum; haec studia adolescentiam alunt, senectutem oblectant, secundas res ornant, adversis perfugium ac solatium praebent, delectant domi, non impediunt foris, pernoctant nobiscum, peregrinantur, rusticantur.

Describe the occasion of the oration. Explain the cases *temporum, domi, foris.*

IV. Composition.

Translate into Latin:

The Helvetii advanced with all their forces until they arrived at the river Arar, which flows with incredible slowness until it mingles with the Rhodanus. Here they prepare to make a bridge.

V. Etymology.

Decline *pecus, rus, domus, hortus.* Give the principal parts of *crepo, tondeo, circumdo.*

VI. History and Geography.

When were consuls first appointed? What were their duties? What occasioned the contests between patricians and plebians? What was the result of each of the three wars with Carthage? Who was Cato the Censor? Caius Gracchus? Lucullus? Who fought at Pharsalia? Philippi? Actium? Name the Emperors from Augustus to Trajan in order.

Where was Antiochia? Ephesus? Tarentum? Patavium? Bound Cappadocia, Arcadia, Samnium. What were the principal rivers of Italy?

VII. Translation at Sight.

Translate:

Fit celeriter concursus in praetorium. Postulat ut jurent omnes, se exercitum ducesque non deserturos neque prodituros, neque sibi separatim a reliquis consilium capturum. Princeps in haec verba jurat ipse. Idem jusjurandum adigit Afranium.

Explain the technical military expressions.

Translate:

Sed ut, hoc omisso, ad studiorum atque artium contentionem revertamur, qui potest dubitari quin ad consulatum apiscendum multo plus afferat rei militaris quam juris civilis gloria?

Explain the subjunctives.

Translate:

Fons erat illimis, nitidis argenteus undis
Quem neque pastores, neque pastae monte capellae
Contigerant, aliudve pecus: quem nulla volucris
Nec fera turbarat, nec lapsus ab arbore ramus.
Gramen erat circa, quod proximus humor alebat,
Silvaque, sole lacum passura tepescere nullo.

MATHEMATICS.

[The paper is divided into seven parts, as indicated by the letters printed in the margin, each of which is considered as a separate topic in determining the results of the examination.]

ARITHMETIC.

A. 1. Divide $\frac{3}{5}$ by $\frac{4}{7}$, and $\frac{4}{7}$ by $\frac{3}{5}$; find the difference and the product of the quotients; add these together; reduce the sum to a decimal; and extract its square root to four places of figures.

2. In what time will \$400 amount to \$435 at 7 per cent. simple interest? What fraction is this of the time in which the same sum at the same rate will double itself?

B. 3. Fifty-three kilogrammes of starch are produced from 100 kilogrammes of wheat. A hektare of land yields 1363 litres of wheat; a hektolitre of wheat weighs 78 kilogrammes. How much starch can be made from the wheat harvested in a field measuring 2 hektares, 33 square metres?

ALGEBRA.

[One problem may be omitted in each of the three divisions of this part of the paper.]

C. 1. Divide $1 + 5x^3 - 6x^4$ by $1 - x + 3x^2$.

2. Find the values of x and y in the simultaneous equations,

$$\frac{x-2}{5} - \frac{10-x}{3} = \frac{y-10}{4} \text{ and } \frac{2y+4}{3} - \frac{2x+y}{8} = \frac{x+13}{4}.$$

EXPLAIN the elimination.

3. A does $\frac{5}{9}$ of a piece of work in 10 days, when B comes to help him, and they finish the work in 3 days more. How long would it have taken B alone to do the whole? EXPLAIN the process.

D. 4. Simplify $2\sqrt{3} + 3\sqrt{1\frac{1}{3}} - \sqrt{5\frac{1}{3}}$; multiply $\sqrt{-10}$ by $\sqrt{-2}$.

5. Solve the equation $\frac{1}{7}(x-4) - \frac{2}{5}(x-2) = \frac{1}{x}(2x+3)$.

6. Solve the equation $(x^2 - 5x)^2 - 8(x^2 - 5x) = 84$.

E. 7. Find two numbers such that if 3 be added to each they will be in the ratio of 4 to 3; and if 8 be subtracted from each they will be in the ratio of 9 to 4. Prove that if four quantities are in proportion, they are in proportion by composition.

8. Find three numbers in geometrical progression such that their sum shall be 42, and the sum of the first and the last shall be 34.

9. Expand $(x + y)^6$ and $(5a^2 - 4x^2y)^5$ by the binomial theorem.

GEOMETRY.

[No. 3 may be taken as a substitute for No. 1 and No. 2; and one of the last three may be omitted.]

F. 1. Two oblique lines drawn from the same point to the same straight line, cutting off equal distances from the foot of the perpendicular, are equal; and of two oblique lines drawn from the same point to the same straight line, that is the greater which cuts off the greater distance from the foot of the perpendicular. DEFINE the mathematical terms employed in this statement.

2. In the same circle, or in equal circles, two angles at the centre are in the same ratio as their intercepted arcs.

3. The intersection of the two straight lines which join the opposite extremities of two parallel chords in a circle, is a point in the diameter which is perpendicular to the chords.

G. 4. If a perpendicular is drawn from the vertex of the right angle to the hypotenuse of a right triangle, (1) the triangles thus formed are similar to each other and to the whole triangle, (2) the perpendicular is a mean proportional between the segments of the hypotenuse, and (3) each side about the right angle is a mean proportional between the hypotenuse and its adjacent segment.

5. To construct a square equivalent to the sum of two or more given squares.

6. A circle may be circumscribed about any regular polygon, and a circle may also be inscribed within it.

ENGLISH.

A. Write an essay, three pages in length, on one of the following subjects, giving special attention to spelling, punctuation, grammar, division by paragraphs, and rhetorical expression:

1. The Scene between Hubert and Arthur in *King John.*
2. The Adventures of Moses in the *Vicar of Wakefield.*
3. The Character of Othello compared with that of Iago.

B. Criticize and correct the following quotations:

(1) Your writers are seldom or ever of this sort. (2) Every man of the boat's crew were down with raging fever. (3) The very two individuals whom he thought were far away. (4) One of the most extraordinary phenomena that ever was witnessed. (5) There is little illustration, and no side-lights of illustration. (6) It is true that Scotch and English patronage are two different things. (7) I think that experience, both in nature and society, are against that ditch-water philosophy. (8) In these expressions were shadowed out the whole of that course subsequently developed. (9) Would it not be better to keep some memorandum of these sort of engagements? (10) To send me away, and for a whole year too—I, who had never crept from under the parental wing—was a startling idea. (11) The Moor seizing a bolster, full of rage and jealousy, smothers her. (12) One house affirmed the proposal to abolish University tests with enthusiasm. (13) The chain of artistic descent does indeed lose itself in the very fountain-head of Art. (14) The small acceptation which Mr. Coleridge's prose works have found. (15) I never remember to have felt an event more deeply than this.

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